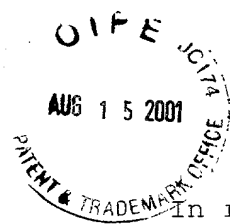


3) 0300

PATENTS



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Hideyuki FURUICHI

Serial No. 09/829,972

CONFIRMATION NO. 8259

Filed April 11, 2001

GROUP 2661

HEADER CONVERSION TECHNIQUE  
IN ATM SWITCH

**SUBMISSION OF CORRECTED FORMAL DRAWINGS**

Commissioner for Patents

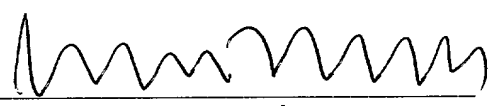
Washington, D.C. 20231

Sir:

In response to Notice to File Corrected Application Papers, mailed June 15, 2001, please, replace the drawings originally filed with the accompanying ten (10) formal drawing sheets.

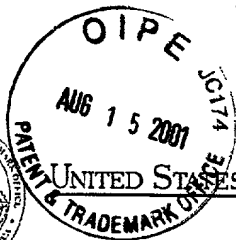
Respectfully submitted,

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August 15, 2001

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/829,972	04/11/2001	Hideyuki Furuichi	FO5-542

000466  
YOUNG & THOMPSON  
745 SOUTH 23RD STREET 2ND FLOOR  
ARLINGTON, VA 22202

**CONFIRMATION NO. 8259**

## FORMALITIES LETTER



\*OC000000006187036\*

OR DOCKETED  
Aug. 15, 2001  
vh

Date Mailed: 06/15/2001

## NOTICE TO FILE CORRECTED APPLICATION PAPERS

**Filing Date Granted**

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given **TWO MONTHS** from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - Drawings must be reasonably free from erasures and must be free from alterations, overwritings, interlineations, folds, and copy marks.

*A copy of this notice MUST be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

Figure 1 consists of 12 histograms arranged in a 6x2 grid. The left column contains histograms for a 1000x1000 matrix, and the right column contains histograms for a 2000x2000 matrix. Each histogram shows the frequency of the number of non-zero elements in the product vector. The x-axis for all histograms is 'Number of non-zero elements' and the y-axis is 'Frequency'. The distributions are roughly bell-shaped and centered around 1000 for the 1000x1000 case and around 2000 for the 2000x2000 case.

FIG.1 (PRIOR ART)

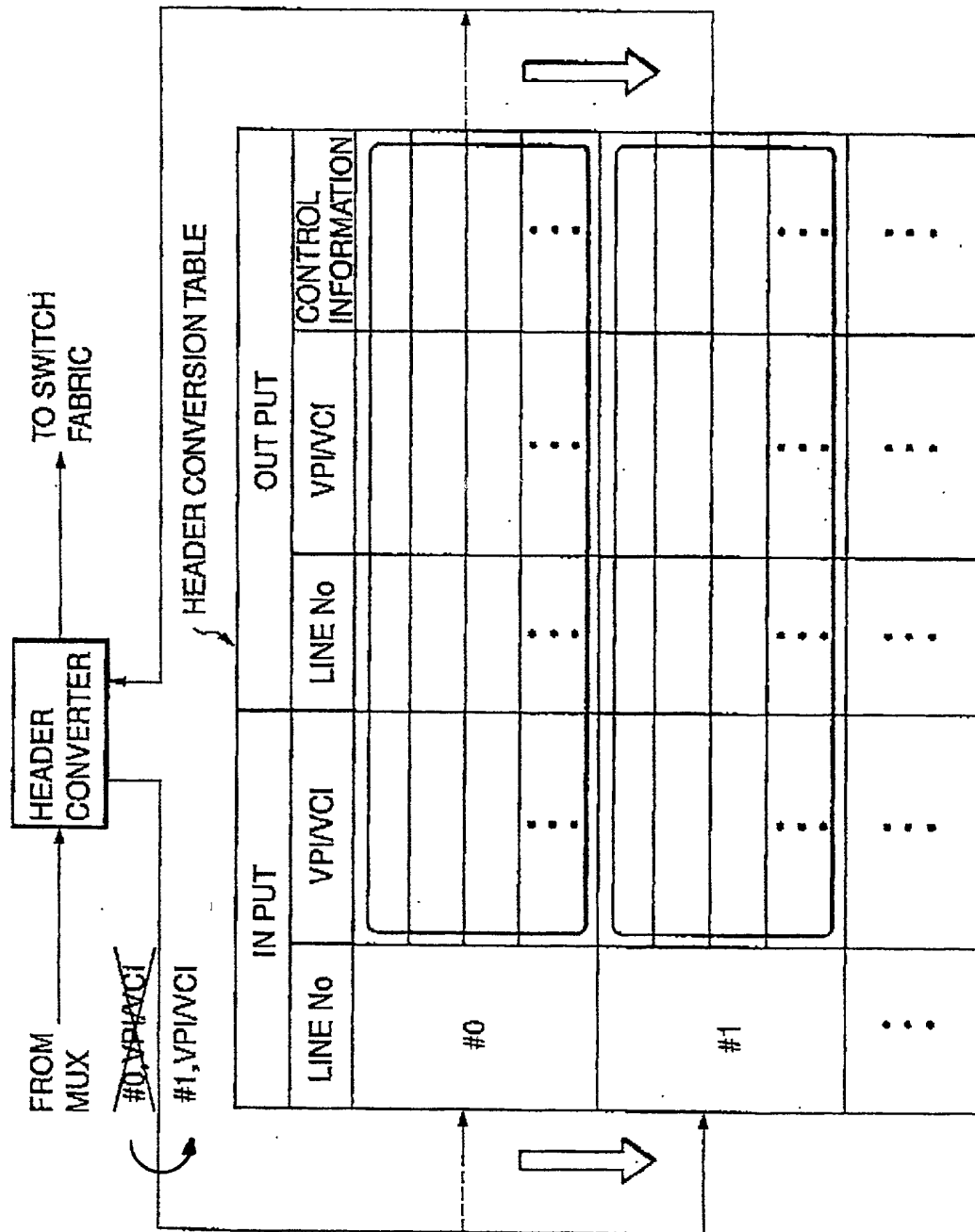


FIG.2

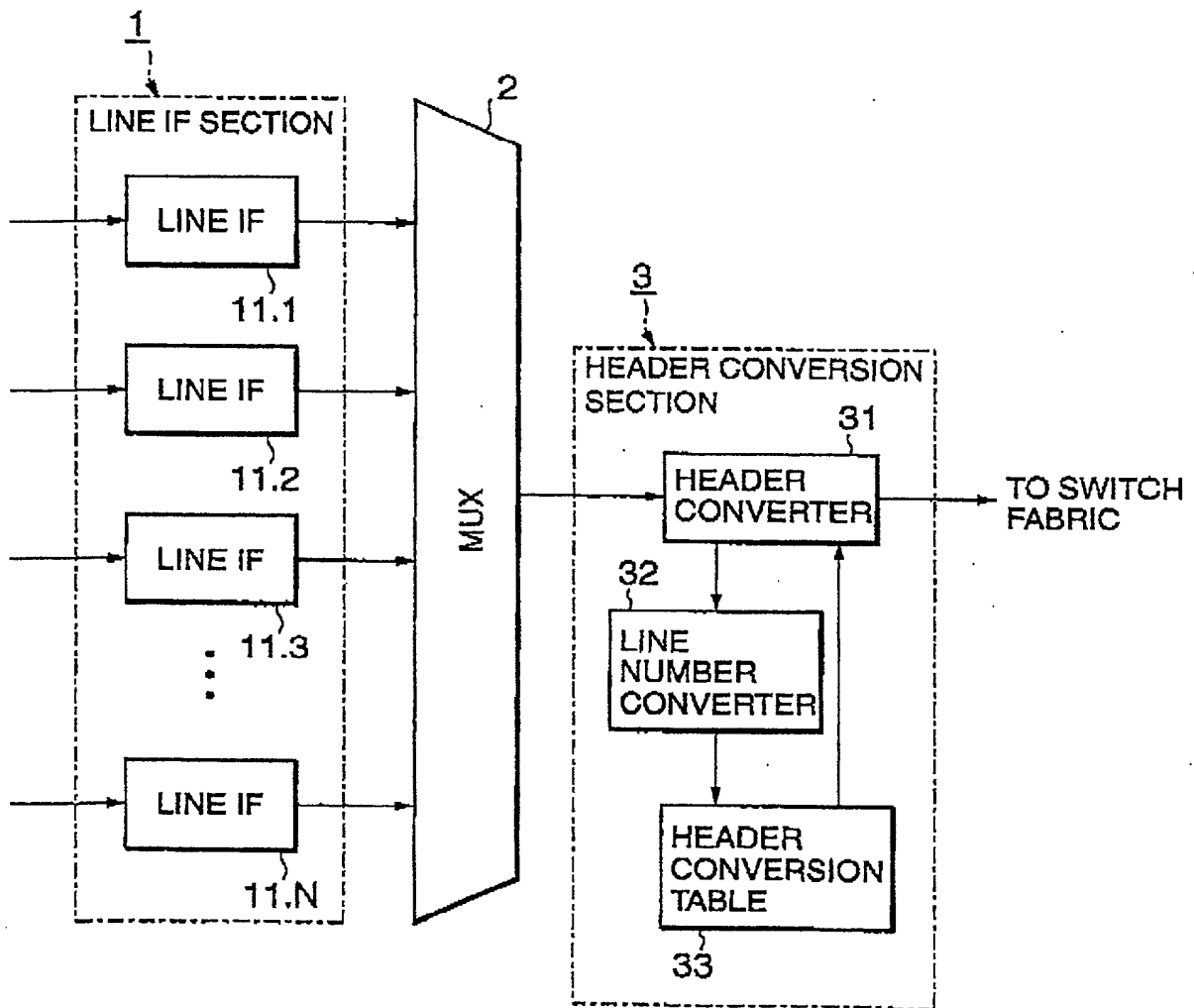


FIG.3

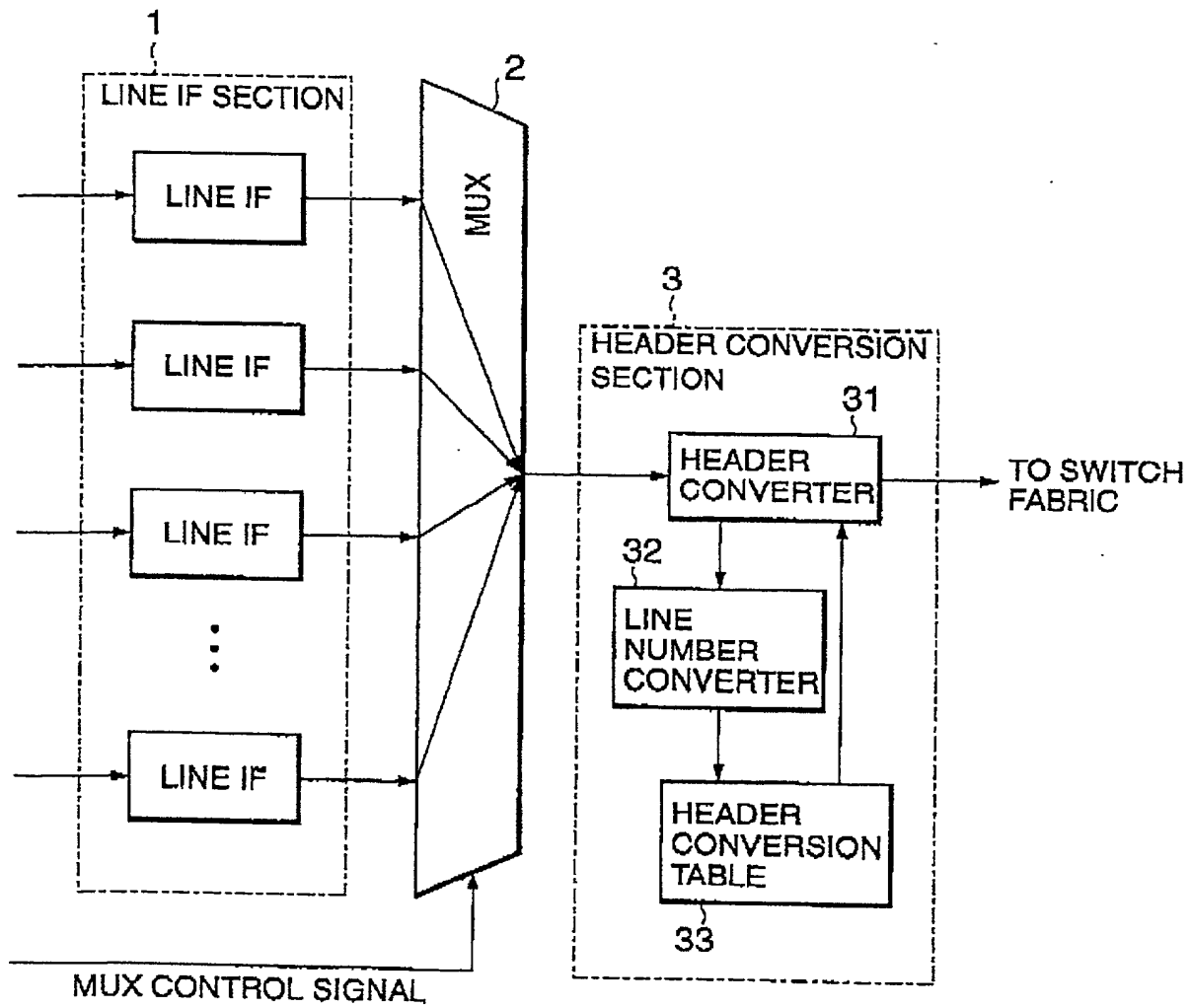


FIG.4

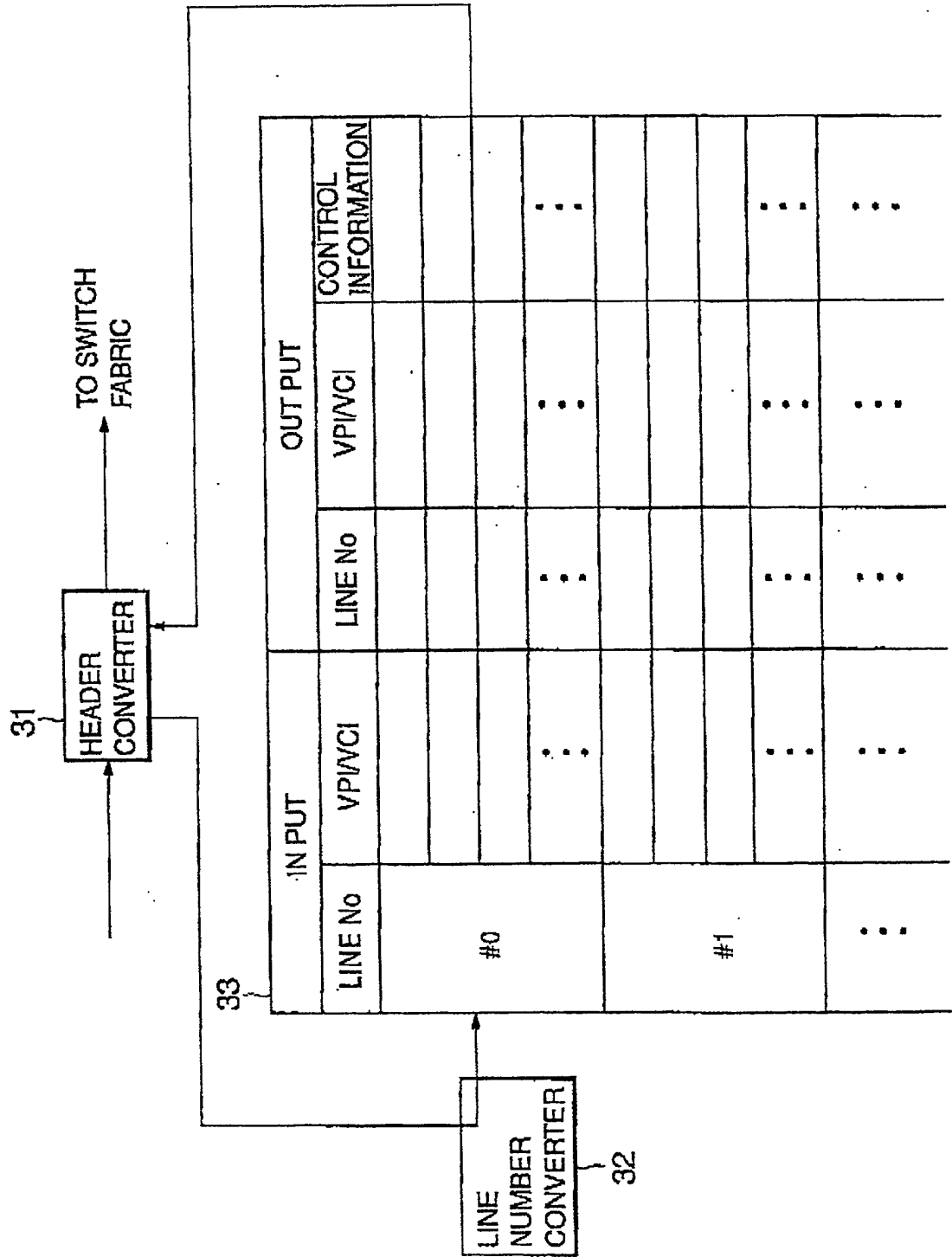


FIG. 5

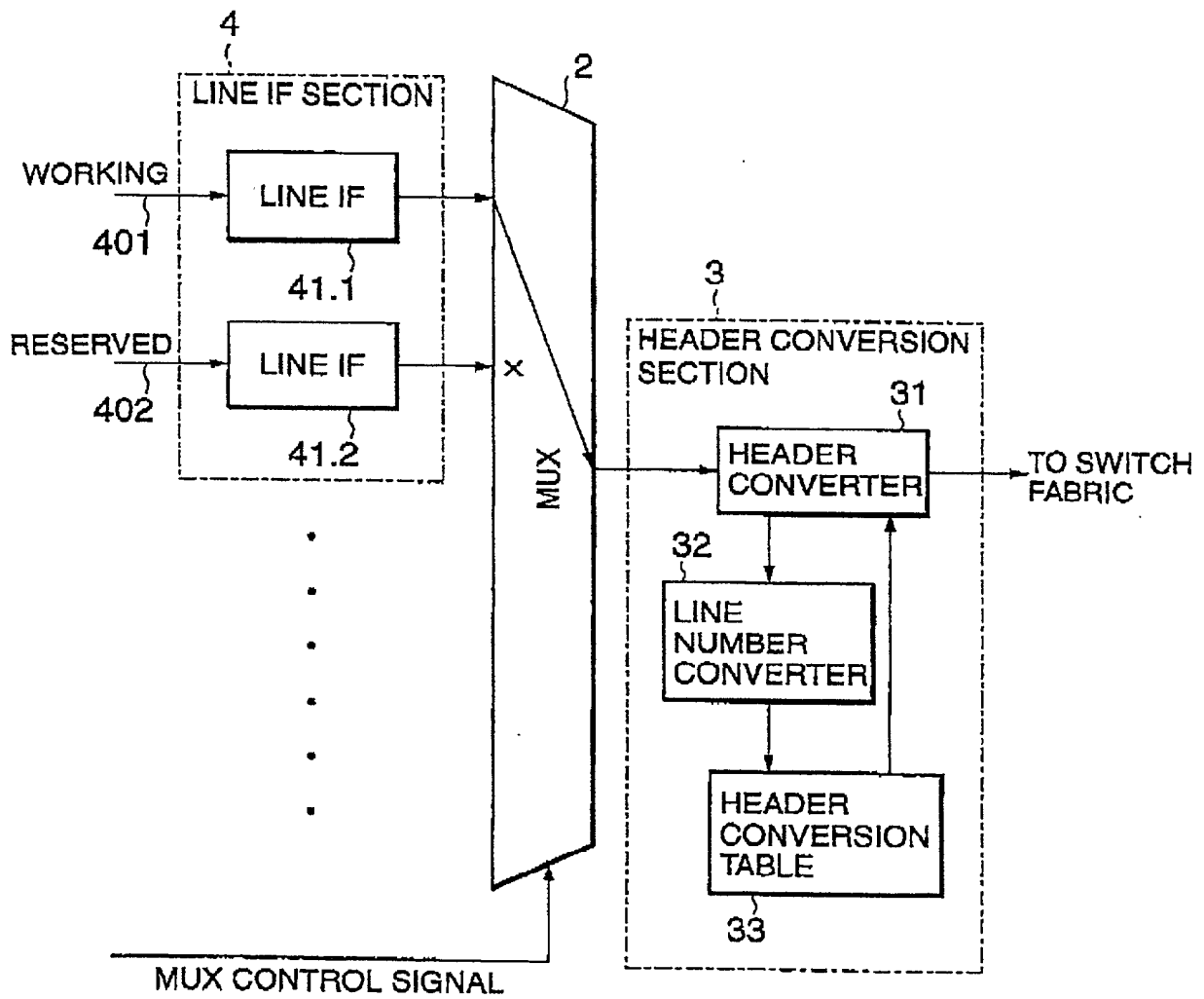


FIG. 6

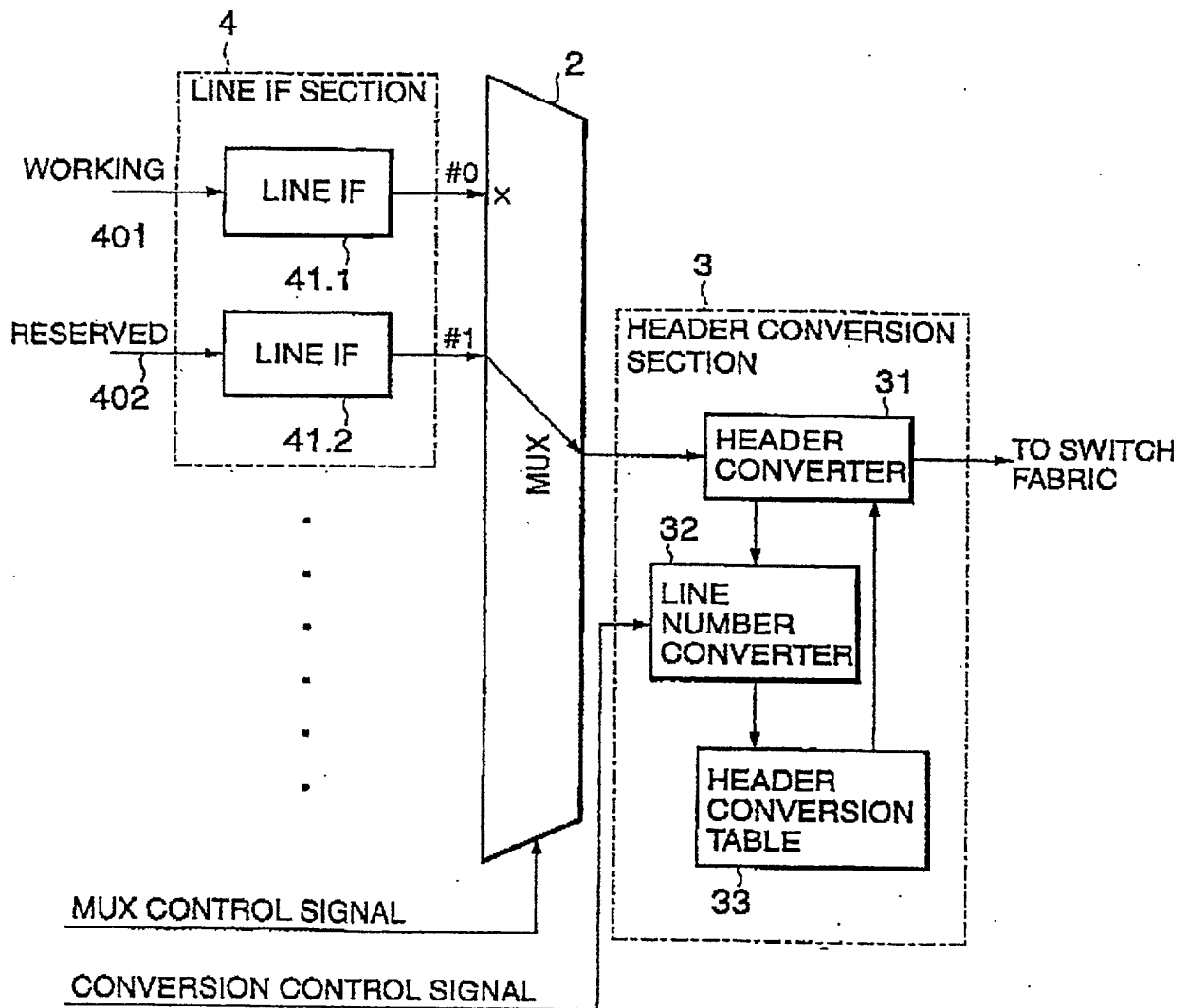




FIG. 7

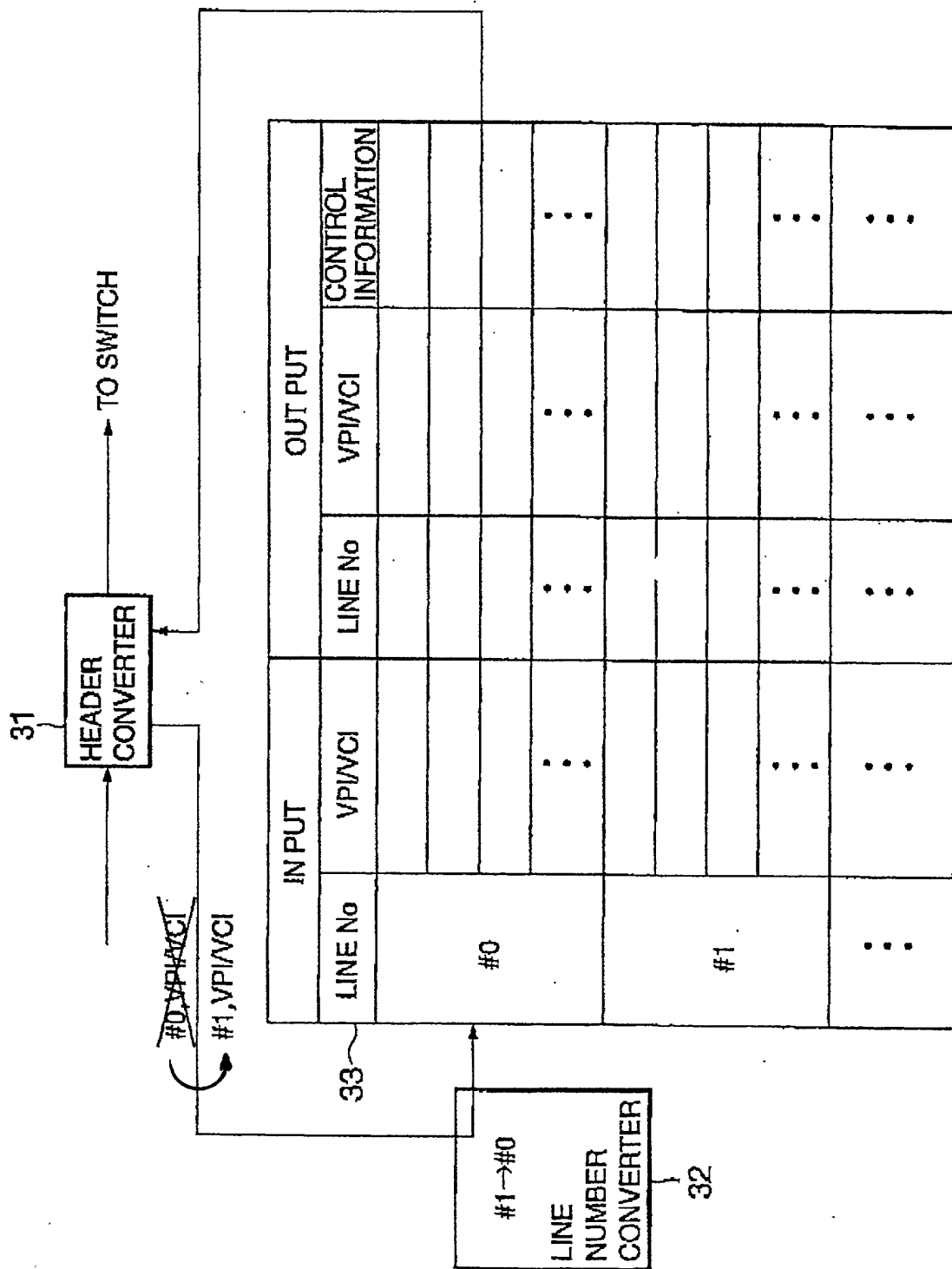


FIG. 8

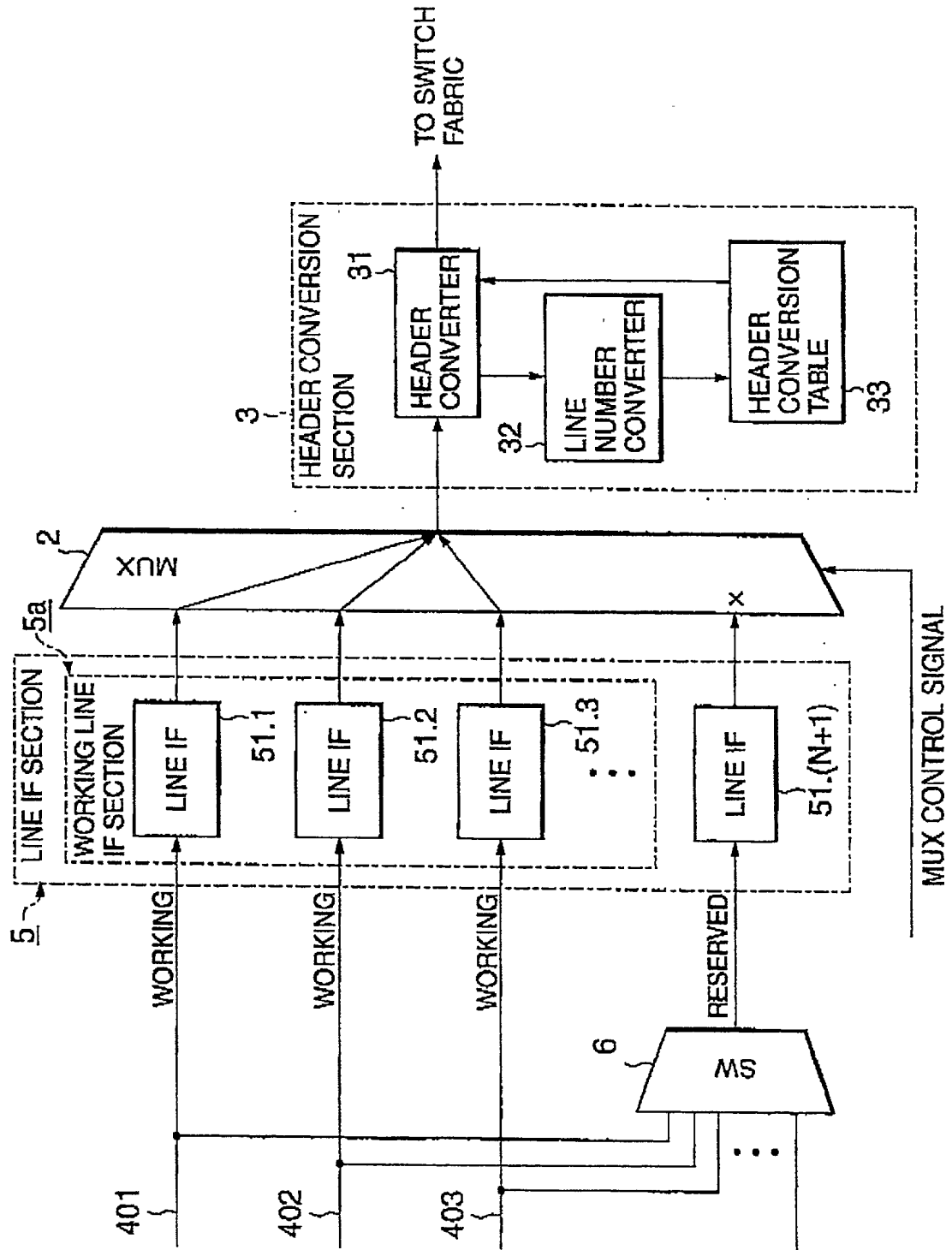


FIG. 9

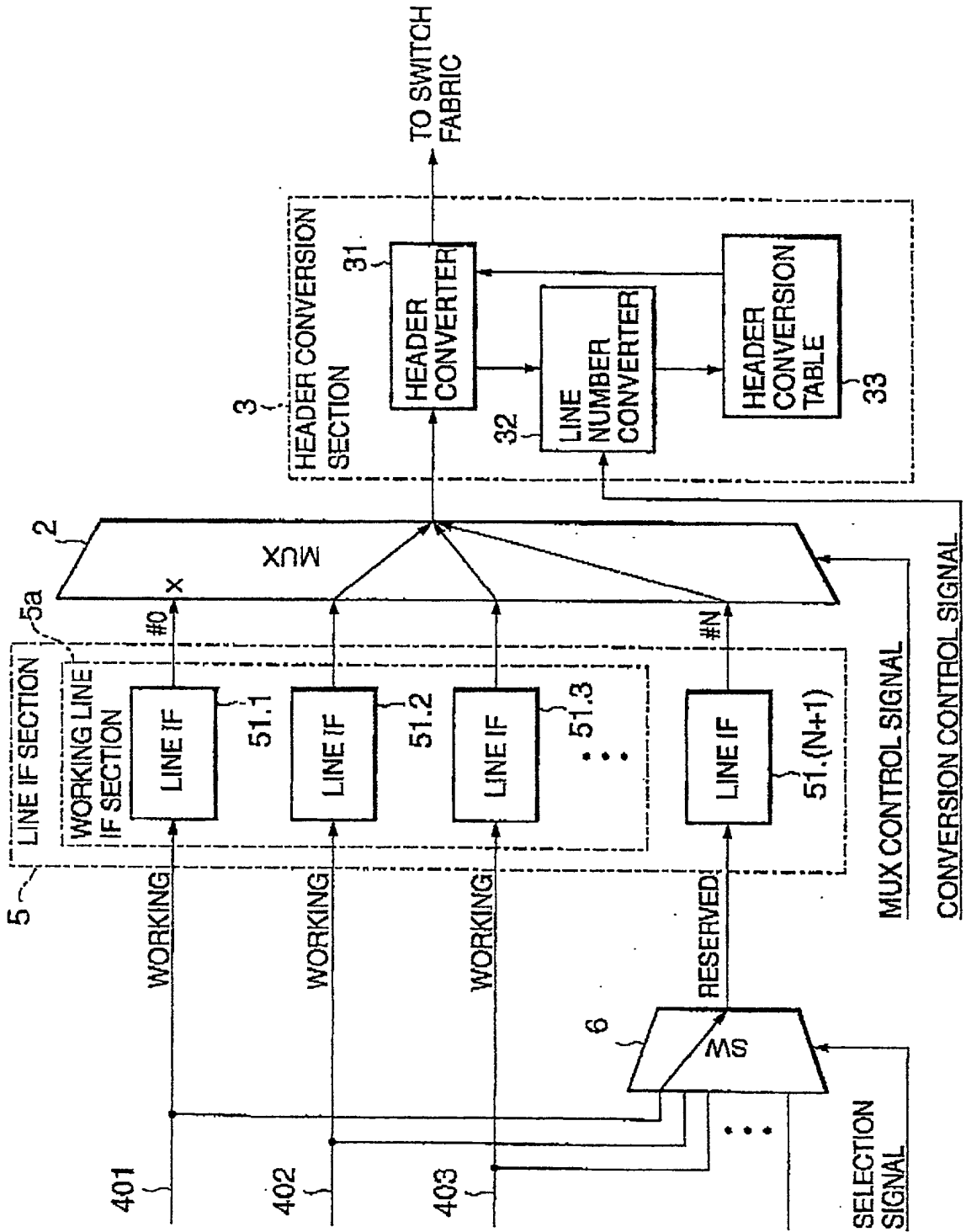


FIG.10

